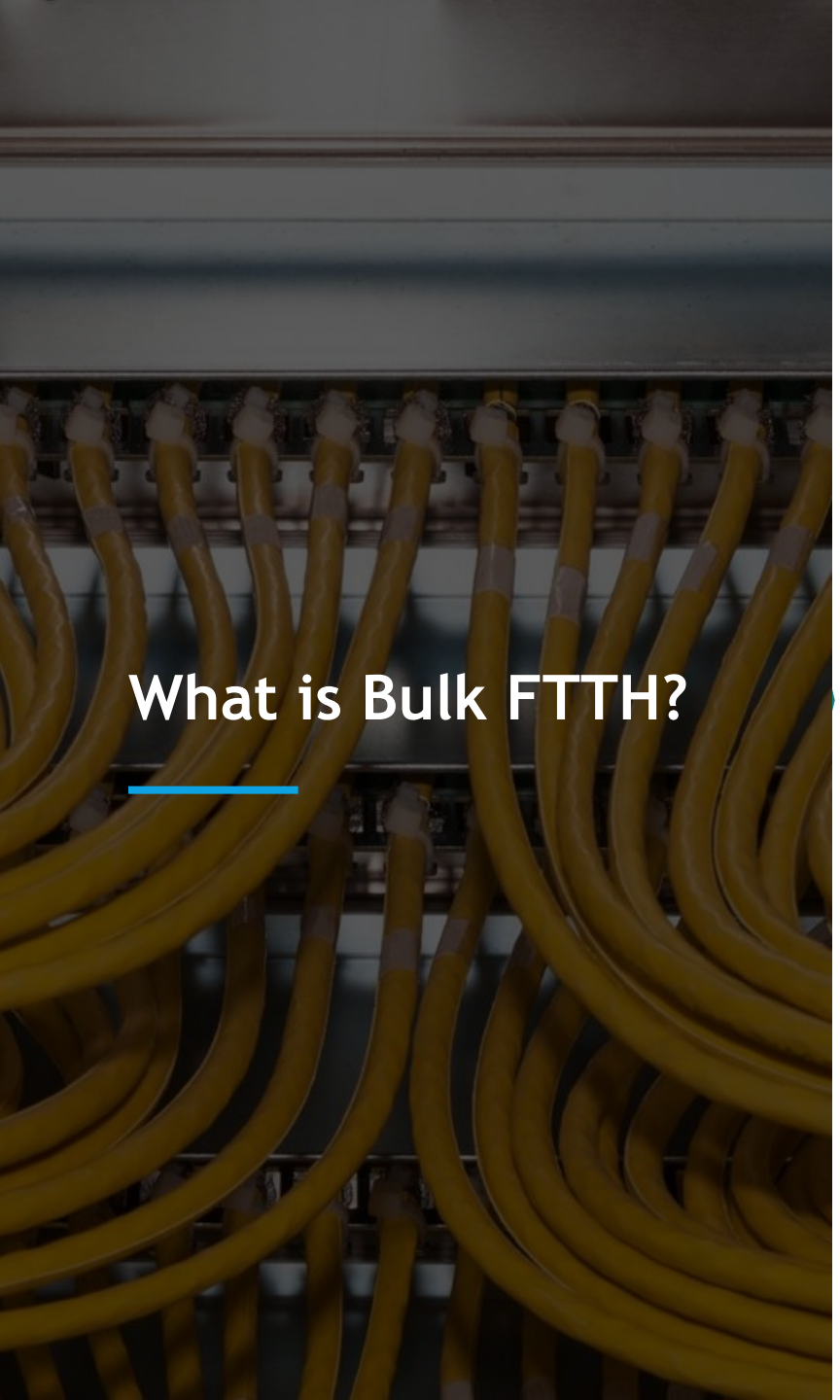
Bulk FTTH



What is Bulk FTTH?

Unlike ordinary retail FTTH broadband, **Bulk FTTH provides high-capacity fibre connectivity delivered in bulk to large residential/ commercial complexes**, enabling uniform high-speed service to multiple users

The fibre is extended **from BSNL's network to the building/ campus through a dedicated distribution node**, ensuring a reliable last-mile fibre pipeline

Consistent bandwidth experience across all connected units, with minimal congestion even during peak usage

Cost-effective fibre deployment, high reliability, secure architecture, and seamless enablement of smart services, IPTV, VoIP, and cloud applications for entire campuses

Bulk FTTH for Business

Why does your business need Bulk FTTH (1/2)

1

Superior Connectivity for Large Premises

- High-capacity fibre link for entire buildings campuses ensuring stable, uniform bandwidth for all users.
- Cloud apps, CCTV, Wi-Fi and internal systems run smoothly with minimal congestion.

2

Enables Digital Workflows & Smart Operations

- Businesses increasingly depend on cloud platforms, collaboration tools and IoT devices.
- Bulk FTTH supports hybrid work, SaaS usage and secure remote access with reliable speeds.

Why does your business need Bulk FTTH (2/2)

3

High Reliability for Continuous Operations

- Network interruptions can impact productivity and essential services.
- Offers steady uptime, quick fault rectification and dependable fibre performance across all units.

4

Built for Heavy Usage & Future Expansion

- Designed for multi-device, high-load environments, Bulk FTTH handles real-time traffic efficiently.
- Easy scalability ensures your network keeps pace with organisational and digital growth.

Why BSNL Bulk FTTH?

SLA-backed fibre network with **>99% uptime**, low latency, low packet loss and quick MTTR for large premises

Scalable bandwidth options suitable for entire buildings/campuses, supporting high-density user environments

Managed end-to-end solution with FTTH equipment, fibre distribution, and maintenance handled by BSNL

Presence in **700+ districts**, ensuring reliable fibre availability from metros to remote project sites

BSNL Offers Bulk FTTH Options Tailored to Your Business Needs

Bulk FTTH Over GPON

- Bulk FTTH delivered through BSNL's GPON fibre network
- High-speed fibre access supporting multiple users across a building or campus
- Uses existing FTTH infrastructure for fast deployment and reduced costs
- Assured bandwidth with proactive monitoring and BSNL-managed support

Bulk FTTH Over Dedicated Fibre

- Bulk FTTH provided over a dedicated fibre route for larger premises
- Stable, high-capacity speeds suitable for heavy shared usage environments
- Ring-protected fibre backbone enabling automatic failover
- High uptime with BSNL-managed equipment and 24×7 assistance

Security & Network Management Add-Ons

- Bulk FTTH can be combined with network security / firewall / Wi-Fi management
- Protects users from malware, unauthorized access and bandwidth misuse
- Centralised monitoring for building-wide network visibility
- Available as optional add-ons at nominal cost